<u>Amendments to the Claims:</u>

Please cancel claims 40-80 without prejudice

The following listing of claims will replace all prior versions and/or listings of claims in the application:

Listing of Claims:

1.   (original): A method performed in a Financial Service Organization (FSO) computer system, the method comprising:

reading a key definition from a database, wherein the key definition describes a location of one or more data element values in a transaction-related data, wherein the key definition is identified during a configuration of the FSO computer system;

reading from the transaction-related data the one or more data element values described in the key definition; and

transferring the one or more data element values read from the transaction-related data to a processing key value.

2.   (original): The method of claim 1, further comprising:

comparing the processing key value to one or more key values in the database; and

reading a processing parameter value from the database in response to finding a match between the processing key value and one of the one or more key values stored in the database;

wherein the processing parameter value read from the database is configured for use in processing the transaction-related data in the FSO computer system.

3.   (original): The method of claim 2, wherein the one or more key values in the database are defined by the user of the FSO computer system during the configuration of the FSO computer system.

4.   (original): The method of claim 2, wherein the database further comprises a plurality of processing parameter tables, wherein each processing parameter table comprises one or more rows, wherein each row in the processing parameter table comprises one processing parameter value and one key value.

5.   (original): The method of claim 4, wherein the key definition is one of a plurality of key definitions in the database, wherein each of the plurality of key definitions in the database is associated with one of the plurality of processing parameter tables in the database, wherein the key definition further describes a data format of the key values in the one or more rows of the processing parameter table to which the key definition is associated.

6.   (original): The method of claim 5, wherein each of the key values in the processing parameter table comprises one or more key element values.

7.   (original): The method of claim 6, wherein each of the plurality of key definitions in the database comprises one or more key elements, wherein each of the one or more key elements describes a data format of one of the one or more key element values in the key values.

8.   (original): The method of claim 1, wherein the key definition comprises one or more key elements, wherein each of the one or more key elements describes a location and data format of one of the one or more data element values in the transaction-related data.

9.   (original): The method of claim 1, further comprising:

reading a search mask from the database, wherein the search mask comprises one or more search

      mask fields, wherein each of the one or more search mask fields corresponds to one of the

      one or more data element values described in the key definition, and wherein each of the

      one or more search mask fields comprises a search mask field value.

10.   (original): The method of claim 9, wherein the transferring the one or more data element

      values read from the transaction-related data to the processing key value further

      comprises:

transferring to the processing key value one of the one or more data element values read from the

      transaction-related data in response to a search mask field value indicating that the data

      element value from the transaction-related data is to be written to the processing key

      value; and

transferring to the processing key value a low collating value in response to the search mask field

      value indicating that the low collating value is to be written to the processing key value.

11.   (original): The method of claim 9, wherein the search mask is defined by the user of the

      FSO computer system during the configuration of the FSO computer system.

12.   (original): A system for processing FSO transactions, the system comprising:

            a computer program;

            a computer system;

            wherein the computer program is executable on the computer system to execute:

      reading a key definition from a database, wherein the key definition describes a location

            of one or more data element values in a transaction-related data, wherein the key

            definition is identified during a configuration of the FSO computer system;

      reading from the transaction-related data the one or more data element values described in

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the key definition; and

transferring the one or more data element values read from the transaction-related data to a processing key value.

13. (original): The system of claim 12, wherein the computer program is further executable on the computer system to execute:

comparing the processing key value to one or more key values in the database, and;

reading a processing parameter value from the database in response to finding a match between the processing key value and one of the one or more key values stored in the database; wherein the processing parameter value read from the database is configured for use in processing the transaction-related data in the FSO computer system.

14. (original): The system of claim 13, wherein the one or more key values in the database are defined by the user of the FSO computer system during the configuration of the FSO computer system.

15. (original): The system of claim 13, wherein the database further comprises a plurality of processing parameter tables, wherein each processing parameter table comprises one or more rows, wherein each row in the processing parameter table comprises one processing parameter value and one key value.

16. (original): The system of claim 15, wherein the key definition is one of a plurality of key definitions in the database, wherein each of the plurality of key definitions in the database is associated with one of the plurality of processing parameter tables in the database, wherein the key definition further describes a data format of the key values in the one or more rows of the processing parameter table to which the key definition is associated.

17.   (original): The system of claim 16, wherein each of the key values in the processing parameter table comprises one or more key element values.

18.   (original): The system of claim 17, wherein each of the plurality of key definitions in the database comprises one or more key elements, wherein each of the one or more key elements describes a data format of one of the one or more key element values in the key values.

19.   (original): The system of claim 12, wherein the key definition comprises one or more key elements, wherein each of the one or more key elements describes a location and data format of one of the one or more data element values in the transaction-related data.

20.   (original): The system of claim 12, wherein the computer program is further executable on the computer system to execute:
reading a search mask from the database, wherein the search mask comprises one or more search mask fields, wherein each of the one or more search mask fields corresponds to one of the one or more data element values described in the key definition, and wherein each of the one or more search mask fields comprises a search mask field value.

21.   (original): The system of claim 20, wherein the transferring the one or more data element values read from the transaction-related data to the processing key value further comprises:
transferring to the processing key value one of the one or more data element values read from the transaction-related data in response to a search mask field value indicating that the data element value from the transaction-related data is to be written to the processing key value; and
transferring to the processing key value a low collating value in response to the search mask field

value indicating that the low collating value is to be written to the processing key value.

22. (original): The system of claim 20, wherein the search mask is defined by the user of the FSO computer system during the configuration of the FSO computer system.

23. (original): A carrier medium comprising program instructions, wherein the program instructions are executable by a computer system to implement:

reading a key definition from a database, wherein the key definition describes a location of one or more data element values in a transaction-related data, wherein the key definition is identified during a configuration of the FSO computer system;

reading from the transaction-related data the one or more data element values described in the key definition; and

transferring the one or more data element values read from the transaction-related data to a processing key value.

24. (original): The carrier medium of claim 23, wherein the program instructions are further executable by the computer system to implement:

comparing the processing key value to one or more key values in the database, and;

reading a processing parameter value from the database in response to finding a match between the processing key value and one of the one or more key values stored in the database; wherein the processing parameter value read from the database is configured for use in processing the transaction-related data in the FSO computer system.

25. (original): The carrier medium of claim 24, wherein the one or more key values in the database are defined by the user of the FSO computer system during the configuration of the FSO computer system.

26.   (original): The carrier medium of claim 24, wherein the database further comprises a plurality of processing parameter tables, wherein each processing parameter table comprises one or more rows, wherein each row in the processing parameter table comprises one processing parameter value and one key value.

27.   (original): The carrier medium of claim 26, wherein the key definition is one of a plurality of key definitions in the database, wherein each of the plurality of key definitions in the database is associated with one of the plurality of processing parameter tables in the database, wherein the key definition further describes a data format of the key values in the one or more rows of the processing parameter table to which the key definition is associated.

28.   (original): The carrier medium of claim 27, wherein each of the key values in the processing parameter table comprises one or more key element values.

29.   (original): The carrier medium of claim 28, wherein each of the plurality of key definitions in the database comprises one or more key elements, wherein each of the one or more key elements describes a data format of one of the one or more key element values in the key values.

30.   (original): The carrier medium of claim 23, wherein the key definition comprises one or more key elements, wherein each of the one or more key elements describes a location and data format of one of the one or more data element values in the transaction-related data.

31.   (original): The carrier medium of claim 23, wherein the program instructions are further executable by the computer system to implement:

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reading a search mask from the database, wherein the search mask comprises one or more search

mask fields, wherein each of the one or more search mask fields corresponds to one of the

one or more data element values described in the key definition, and wherein each of the

one or more search mask fields comprises a search mask field value.

32.   (original): The carrier medium of claim 31, wherein the transferring the one or more data

element values read from the transaction-related data to the processing key value further

comprises:

transferring to the processing key value one of the one or more data element values read from the

transaction-related data in response to a search mask field value indicating that the data

element value from the transaction-related data is to be written to the processing key

value, and;

transferring to the processing key value a low collating value in response to the search mask field

value indicating that the low collating value is to be written to the processing key value.

33.   (original): The carrier medium of claim 31, wherein the search mask is defined by the

user of the FSO computer system during the configuration of the FSO computer system.

34.   (original): A method performed in a Financial Service Organization (FSO) computer

system, the method comprising:

reading a key definition from a database in response to receiving a request for a processing

parameter from a first program, wherein the key definition describes a location of one or

more data element values in a transaction-related data;

reading from the transaction-related data the one or more data element values described in the

key definition;

reading a search mask from the database, wherein the search mask comprises one or more search

mask fields, wherein each of the one or more search mask fields corresponds to one of the

one or more data element values described in the key definition, and wherein each of the

one or more search mask fields comprises a search mask field value;

transferring to a processing key value one of the one or more data element values read from the

transaction-related data in response to a search mask field value indicating that the data

element value from the transaction-related data is to be written to the processing key

value, and;

transferring to the processing key value a low collating value in response to the search mask field

value indicating that the low collating value is to be written to the processing key value;

comparing the processing key value to one or more key values in the database;

reading a processing parameter value from the database in response to finding a match between

the processing key value and one of the one or more key values stored in the database,

and;

sending the processing parameter value to the first program;

wherein the processing parameter value sent to the first program is configured for use in

processing the transaction-related data in the FSO computer system.

35.   (original): The method of claim 34, wherein the key definition, search mask, and one or

more key values in the database are defined by a user of the FSO computer system during

a configuration of the FSO computer system.

36.   (original): A system for processing FSO transactions, the system comprising:

          a computer program;

          a computer system;

wherein the computer program is executable on the computer system to execute:

reading a key definition from a database in response to receiving a request for a

          processing parameter from a first program, wherein the key definition describes a

          location of one or more data element values in a transaction-related data;

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reading from the transaction-related data the one or more data element values described in
the key definition;

reading a search mask from the database, wherein the search mask comprises one or more
search mask fields, wherein each of the one or more search mask fields
corresponds to one of the one or more data element values described in the key
definition, and wherein each of the one or more search mask fields comprises a
search mask field value;

transferring to a processing key value one of the one or more data element values read
from the transaction-related data in response to a search mask field value
indicating that the data element value from the transaction-related data is to be
written to the processing key value, and;

transferring to the processing key value a low collating value in response to the search
mask field value indicating that the low collating value is to be written to the
processing key value;

comparing the processing key value to one or more key values in the database;

reading a processing parameter value from the database in response to finding a match
between the processing key value and one of the one or more key values stored in
the database, and;

sending the processing parameter value to the first program;

wherein the processing parameter value sent to the first program is configured for
use in processing the transaction-related data in the FSO computer system.

37.   (original): The system of claim 36, wherein the key definition, search mask, and one or
more key values in the database are defined by a user of the FSO computer system during
a configuration of the FSO computer system.

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38.   (original): A carrier medium comprising program instructions, wherein the program

instructions are executable by a computer system to implement:

reading a key definition from a database in response to receiving a request for a processing

parameter from a first program, wherein the key definition describes a location of one or

more data element values in a transaction-related data;

reading from the transaction-related data the one or more data element values described in the

key definition;

reading a search mask from the database, wherein the search mask comprises one or more search

mask fields, wherein each of the one or more search mask fields corresponds to one of the

one or more data element values described in the key definition, and wherein each of the

one or more search mask fields comprises a search mask field value;

transferring to a processing key value one of the one or more data element values read from the

transaction-related data in response to a search mask field value indicating that the data

element value from the transaction-related data is to be written to the processing key

value; and

transferring to the processing key value a low collating value in response to the search mask field

value indicating that the low collating value is to be written to the processing key value;

comparing the processing key value to one or more key values in the database;

reading a processing parameter value from the database in response to finding a match between

the processing key value and one of the one or more key values stored in the database;

and

sending the processing parameter value to the first program;

wherein the processing parameter value sent to the first program is configured for use in

processing the transaction-related data in the FSO computer system.

39.   (original): The carrier medium of claim 38, wherein the key definition, search mask, and one or more key values in the database are defined by a user of the FSO computer system during a configuration of the FSO computer system.

40-80 (Cancelled).